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File: DWPI

Dec 6, 1983

DERWENT-ACC-NO: 1984-015376

DERWENT-WEEK: 198403

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TITLE: Fibre-reinforced wood panel prodn. - by first impregnating wood veneer sheet with aq. soln. of water soluble urea! melamine resin and/or melamine-phenol! resin blend

PATENT-ASSIGNEE:

ASSIGNEE

CODE

MATSUSHITA ELECTRIC WORKS LTD

MATW

PRIORITY-DATA: 1982JP-0093839 (May 31, 1982)

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PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

☐ [JP 58209508 A](#)

December 6, 1983

002

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

JP 58209508A

May 31, 1982

1982JP-0093839

INT-CL (IPC): B27K 5/00

ABSTRACTED-PUB-NO: JP 58209508A

BASIC-ABSTRACT:

Wood veneer sheet is impregnated with an aq. soln. of water soluble urea/melamine resin and/or melamine resin blended with phenol resin, laminated with substrate board in the presence or absence of an adhesive layer and hot pressed to provide resin-reinforced wood panel.

Phenol resin enhances the penetration of the aq. soln. of the resin into the tissue of veneer and urea/melamine resin and/or melamine resin reinforces the surface of wood veneer to improve the surface hardness and to prevent cracking and peeling without significant increase in the processing costs.

Process strengthens the soft veneer of Oregon pine to prevent cracking and peeling of veneer sheet.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: FIBRE REINFORCED WOOD PANEL PRODUCE FIRST IMPREGNATE WOOD VENEER SHEET

AQUEOUS SOLUTION WATER SOLUBLE POLYUREA MELAMINE RESIN MELAMINE POLYPHENOL RESIN
BLEND

DERWENT-CLASS: A21 A81 F09 P63

CPI-CODES: A05-B02; A05-B03; A05-C01; A07-A03; A11-B09B; A12-A04C; F05-B;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0004 0009 0218 0229 0231 1276 1277 1731 1737 2427 2430 3318 2488 2492
3241 2504 2509 2575 2613 2622 2629 3252 2682 3268 2836

Multipunch Codes: 014 03- 032 038 04- 040 139 140 185 186 189 38& 397 398 431 436
446 465 477 532 537 54& 551 552 560 561 567 57- 58& 597 600 602 609

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1984-006694

Non-CPI Secondary Accession Numbers: N1984-011265

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